

THE GENERAL ASSEMBLY OF PENNSYLVANIA

SENATE RESOLUTION

No. 38

Session of
2013

INTRODUCED BY SOLOBAY, BROWNE, SMITH, ERICKSON, FERLO, FONTANA,
KASUNIC, TEPLITZ, VULAKOVICH, ALLOWAY, GORDNER, HUTCHINSON,
BREWSTER, STACK, WHITE, TARTAGLIONE, COSTA, SCHWANK AND
FARNESE, MARCH 1, 2013

REFERRED TO STATE GOVERNMENT, MARCH 1, 2013

A RESOLUTION

1 Directing the Department of General Services to conduct a study
2 to determine the associated costs and feasibility of
3 converting and retrofitting State-owned vehicles with
4 compressed natural gas and liquefied natural gas engines for
5 the purpose of modernizing the State fleet.

6 WHEREAS, As further exploration takes place, natural gas is
7 rapidly becoming readily available for use as a transportation
8 fuel; and

9 WHEREAS, Natural gas is domestically produced, thus reducing
10 dependence on foreign oil, and is better for the environment by
11 reducing emissions; and

12 WHEREAS, The Environmental Protection Agency states that
13 light-duty natural gas vehicles can reduce exhaust emissions of
14 carbon monoxide by 90% to 97%, carbon dioxide by 25% and
15 nitrogen oxides by 35% to 60% when compared to gasoline-powered
16 vehicles; and

17 WHEREAS, When used as a transportation fuel, natural gas can
18 reduce greenhouse gas emissions by 20% to 29% compared with

1 diesel and gasoline-powered vehicles; and

2 WHEREAS, Natural gas is also less expensive for the consumer
3 by requiring less total vehicle maintenance over time; and

4 WHEREAS, Fuel storage cylinders in natural gas vehicles are
5 much stronger than gasoline fuel tanks and are also sealed to
6 prevent any spills or leaks, allowing natural gas to be a safe
7 and efficient transportation fuel; and

8 WHEREAS, Converting the State fleet to vehicles that use
9 natural gas could spur demand for natural gas produced within
10 this Commonwealth; and

11 WHEREAS, In converting the State fleet to vehicles that use
12 natural gas, the Commonwealth could be eligible for Federal and
13 State incentives to offset the costs associated with conversion
14 and retrofitting; and

15 WHEREAS, A thorough study conducted by the Department of
16 General Services would determine the total cost and feasibility
17 of converting State-owned vehicles to natural gas vehicles
18 through a retrofitting and fleet modernization process; and

19 WHEREAS, The study conducted by the department would also
20 examine the potential for the expansion of natural gas fueling
21 stations throughout this Commonwealth; therefore be it

22 RESOLVED, That the Senate direct the Department of General
23 Services to conduct a thorough study to determine the associated
24 costs and feasibility of retrofitting current State-owned
25 vehicles with compressed natural gas or liquefied natural gas
26 engines for the purpose of modernizing the State fleet.